

Top 14 Plan Review Errors For Interior Projects

March 15, 2015

- 1 Outdated and wrong codes referenced:** *Reference IBC and 120-3-3 Codes Reference Guide (hierarchy table)*
- 2 Occupant load and exit capacity:** Is stair capacity sufficient for occupant load of entire floor? *Reference NFPA 101: 7.3.1 & 7.3.3*
- 3 Clear floor space at accessible toilet room:** New space requirements. *Reference 120-3-20 604.3 (2012 ADAAG)*
- 4 Remoteness of exit separation:** New Construction vs Existing. *Reference NFPA 101: 7.5.1.5.2 and 7.3.1.3.5*
- 5 Elevator Lobby Locking:** Access to a single exit must be maintained under all conditions. *Reference NFPA 101: 7.2.1.6*
- 6 No listings shown for rated walls:** No listed assemblies shown. *Reference UL Directory or other approved source*
- 7 Common path of travel is incorrect:** Two paths converge and shall be "remotely located." *Reference NFPA 101: 7.5.1.3.1*
- 8 Unrated finishes used:** Wood, plastics and textiles on walls and ceilings, plastics. *Reference NFPA 101: 10.2*
- 9 Improper vertical openings:** Applicable NFPA 101 section not referenced. *Reference NFPA 101: 8.6*
- 10 Portable fire extinguishers not provided:** Required locations? *Reference IFC 906.1*
- 11 Enclosures:** Exit enclosures, horizontal exits, incidental use areas and mixed occupancy separations. *Reference NFPA 101: 8.6*
- 12 Door swings:** Must swing in direction of means of egress. *NFPA 101: 7.2.1.4.2*
- 13 Fire alarm strobes not included:** Omitted in large or assembly buildings w/ load over 300. *Reference NFPA 12.3.4.1 & 28.3.4.1*
- 14 Upgrade thresholds to new construction not recognized:** IBC Amdts, NFPA 101 and ADAAG. *Designer must consult AHJ*